

WHAT IS CLAIMED IS:

1. A method for providing virus vaccine software to a user terminal with a maintenance server that includes a  
5 first memory for storing information related to how a new virus is countered and a second memory for storing user information, the method comprising:

receiving virus countering information from a terminal of at least one vaccine software maker and storing the  
10 received virus countering information in the first memory;

receiving vaccine software-related information from at least one user terminal and storing the received vaccine software-related information in the second memory;

receiving the vaccine software-related information of a  
15 user from the second memory;

receiving new virus countering information from the first memory based on the vaccine software-related information; and

distributing vaccine software that corresponds to the  
20 new virus to the user terminal when the vaccine software presently used by the user terminal does not correspond to the new virus and the user wishes to be provided with updated vaccine software.

25 2. The method according to claim 1, further comprising:

automatically generating an uninstall program for deleting the vaccine software in the user terminal and an  
install program for installing the distributed new vaccine  
30 software in the user terminal.

3. The method according to claim 1, wherein the step of receiving new virus countering information is performed

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distribute to the user terminal updated vaccine software  
corresponding to the new virus when the vaccine software  
presently used by the user terminal does not correspond to  
the new virus and the user wishes to be provided with the  
5 updated vaccine software; and

a resource distributing means for receiving the  
information from the new anti-virus processing means and  
distributing the updated vaccine software that corresponds  
to the new virus based on the information.

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8. The program according to claim 7, wherein the  
resource distributing means automatically generates an  
uninstall program for deleting the vaccine software in the  
user terminal and an install program for installing the  
15 distributed new vaccine software in the user terminal.

9. The program according to claim 8, wherein the new  
anti-virus processing means includes:

a new virus information processing means for acquiring  
20 virus countering information from a terminal of at least one  
vaccine software maker and storing the acquired virus  
countering information in the first memory means; and

a user information processing means for acquiring  
vaccine software-related information from the user terminal  
25 and storing the acquired vaccine software-related  
information in the second memory.

10. The program according to claim 9, wherein the new  
virus information processing means acquires the virus  
30 countering information from at least one vaccine software  
maker when a new virus is generated in the user terminal.

11. The program according to claim 10, wherein the new

virus information processing means determines whether the vaccine software used by the user terminal corresponds to the new virus when the user terminal is activated or at a predetermined time.

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12. The program according to claim 7, wherein the new anti-virus processing means includes:

10 a new virus information processing means for acquiring virus countering information from a terminal of at least one vaccine software maker and storing the acquired virus countering information in the first memory means; and

15 a user information processing means for acquiring vaccine software-related information from the user terminal and storing the acquired vaccine software-related information in the second memory.

20 13. The program according to claim 7, wherein the new virus information processing means acquires the virus countering information from at least one vaccine software maker when a new virus is generated in the user terminal.

25 14. The program according to claim 7, wherein the new virus information processing means determines whether the vaccine software used by the user terminal corresponds to the new virus when the user terminal is activated or at a predetermined time.

30 15. A method for providing a virus software to at least one user terminal using a first memory for storing information related to how a new virus is countered and a second memory for storing user information, the method comprising:

receiving virus countering information from a terminal

of at least one vaccine software maker and storing the  
received virus countering information in the first memory;  
receiving vaccine software-related information of a  
user from the user terminal and storing the received vaccine  
5 software-related information in the second memory;  
receiving the vaccine software-related information from  
the second memory;  
receiving new virus countering information from the  
first memory based on the vaccine software-related  
10 information;  
distributing vaccine software that corresponds to the  
new virus to the user terminal when the vaccine software  
presently used by the user terminal does not correspond to  
the new virus and the user wishes to be provided with  
15 updated vaccine software.

16. A method for recovering from a fault when a fault  
occurs during execution of a first program, the method  
comprising:

20 receiving fault-related information from the computer  
executing the first program;

investigating a cause of the fault from the fault-  
related information; and

25 instructing the computer to replace the first program  
with a second program when the cause of the fault is  
unidentified.

17. The method according to claim 16, further  
comprising:

30 distributing the second program to the computer.

18. A system for recovering from a fault when a fault  
occurs during the execution of a first program, the system

comprising:

5 a fault recovery portion for receiving fault-related information from a computer, wherein the fault recovery portion investigates a cause of the fault from the fault-related information and instructs the computer to replace the first program with a second program when the cause of the fault is unidentified.

10 19. The system according to claim 18, wherein the fault recovery portion distributes the second program to the computer.

15 20. A recording medium for recording a computer readable fault recovery program that sends fault recovery information to a computer when a fault occurs in the computer during execution of a first program, the fault recovery program comprising:

20 receiving fault-related information from the computer; investigating a cause of the fault from the fault-related information; and

sending information instructing the computer to replace the first program with a second program when the cause of the fault is unidentified as the fault recovery information.